



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>A61K 31/00</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/19992</b> <b>(43) International Publication Date:</b> 13 April 2000 (13.04.00)
<b>(21) International Application Number:</b> PCT/US99/23098 <b>(22) International Filing Date:</b> 5 October 1999 (05.10.99)  <b>(30) Priority Data:</b> 60/103,170                      6 October 1998 (06.10.98)                      US  <b>(71) Applicants (for all designated States except US):</b> THE UNIVERSITY OF MANITOBA [CA/CA]; Bannatyne Campus, 753 McDermot Avenue, Winnipeg, Manitoba R3E 0W3 (CA). KOHN, Kenneth, I. [US/US]; 6761 Alderley Way, West Bloomfield, MI 48322 (US).  <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only):</b> LAUTT, Wilfred, Wayne [CA/CA]; 1058 Grosvenor Avenue, Winnipeg, Manitoba R3M 0N7 (CA).  <b>(74) Agents:</b> KOHN, Kenneth, I. et al.; Kohn & Associates, Suite 410, 30500 Northwestern Highway, Farmington Hills, MI 48334 (US).		<b>(81) Designated States:</b> CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> METHOD FOR TREATING INSULIN RESISTANCE THROUGH HEPATIC NITRIC OXIDE  <b>(57) Abstract</b>  There is provided a method of increasing insulin sensitivity by administering an effective amount of a compound which stimulates nitric oxide production in the liver. Also provided is a pharmaceutical composition having an effective amount of a compound which stimulates nitric oxide production in the liver and a pharmaceutically acceptable carrier.		

BEST AVAILABLE COPY